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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE*In re Application of:*

Vaughan, et al.

Serial No.: 08/877,684

Filed: June 17, 1997

Title: Supported Late Transition Metal Catalyst Systems

§ BEFORE THE EXAMINER **FAX RECEIVED**
 § James W. Pasterczyk MAR 19 2003
 § Group Art Unit No.: 1755 **GROUP 1700**
 § Attorney Docket No.: 96B035/2
 § Houston, Texas
 § March 17, 2003

Assistant Commissioner for Patents and Trademarks
Washington, D.C. 20231

RESPONSE UNDER 37 C.F.R. § 1.111

Sir:

In response to the Office Action mailed December 19, 2002, Applicant offers the following claim clarifications and remarks.

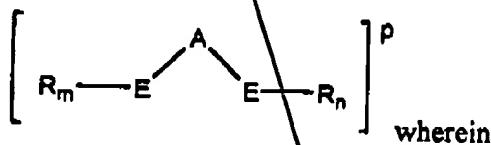
IN THE CLAIMS

Please amend the claims as follows. A marked-up version of the claims is attached in APPENDIX A: "CLAIMS MARKED-UP TO SHOW CHANGES MADE".

1. (Amended Five Times) A late transition metal catalyst system for olefin polymerization comprising: I.) a Group-9, -10 or -11 metal connected to a bidentate ligand, wherein a catalyst precursor has the formula:

LMX, wherein:

- (a) M is a Group 9, 10 or 11 metal;
- (b) L is a bidentate ligand defined by the formula:



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